

JC10 Rec'd PTO 27 JUN 2005

PCT

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/510153
Filing Date	June 13, 2002
First Named Inventor	Kia Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU176NPUS

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> Email: kia.silverbrook@silverbrookresearch.com Telephone: 61-2-9818 6633 Facsimile : 61-2-9555 7762		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name			
Signature			
Printed name	Kia Silverbrook		
Date	June 21, 2005	Reg. No.	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**SILVERBROOK RESEARCH Pty Ltd**

393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: +61 2 9555 7762

Email: info@silverbrookresearch.com

ACN 066 573 671

June 21, 2005

Commissioner of Patents and Trademarks

Mail Stop Petition

WASHINGTON DC 20231

USA

Attn: Darrell C Cottman

Dear Sirs,

**Abandonment / Termination Letter OC000000016156157\***

**United States Patent Application Serial No. 10/510,153**

**Inventors/Assignors: KIA SILVERBROOK**

**Assignee: SILVERBROOK RESEARCH PTY LTD**

**Our docket: YU176US**

We hereby petition to WITHDRAW HOLDING OF ABANDONMENT (in reply to Notice of Abandonment under 37 CFR 1.495).

The Notice of Abandonment, mailed May 31, 2005, states that the Applicant has failed to provide the full U.S. Basic National Fee by 30 months (37 CFR 1.495(b)(2)). The Applicant submits that a cheque in the amount of US\$ 1,080.00 was remitted to the USPTO.

The enclosed Declaration of my Patent Administrator, Leonie Frances News, confirms that the payment for the full U.S. Basic National Fee was included with the filing papers dated August 31, 2004.

We look forward to receiving favourable consideration of our petition in the near future.

Thank you for your assistance.

Yours faithfully

Kia Silverbrook

Silverbrook Research Pty Ltd

Encl.



Commonwealth of Australia  
Statutory Declarations Act 1959

STATUTORY DECLARATION

In the Matter of US Patent  
Application No. 10/510,153  
In the Name of Kia Silverbrook

I, LEONIE FRANCES NEWS of 393 Darling Street, Balmain, New South Wales, 2041, Australia do solemnly and sincerely declare as follows:

1. I am the Patent Administrator of Silverbrook Research Pty Ltd and have held this position since 1 September 1999.
2. I have responsibility for maintaining the file records of all applications filed at the United States Patent and Trademark Office ("USPTO") of Kia Silverbrook and Silverbrook Research Pty Ltd, including US Patent Application No. 10/510,153 ("*The Patent Application*").
3. I have searched through my file of the Patent Application and confirm that cheque No. 114364673 marked as Exhibit LFN-1 in the amount of US\$ 1,080.00 was sent to the USPTO along with the filing papers dated August 31, 2004, marked as Exhibit LFN-2.

And I make this solemn declaration aware of the penalties for false declarations under section 11 of the Statutory Declarations Act 1959 (Cwth of Australia).

Declared at Balmain Court House)  
Balmain, NSW, Australia )  
This 22 day of June 2005 )  
by Leonie Frances News )

  
Leonie Frances News

Before me: )



Justice of the Peace  
Of New South Wales



# **EXHIBIT LFN-1**

**Commonwealth Bank**

Commonwealth Bank of Australia

ABN 48 123 123 124

NOT OVER\*1,080\*DOLLARS

Branch

BALMAIN LAN2 NSW

On Demand Pay

to the Order of

COMMISSIONER FOR PATENTS

The sum of

ONETHOUSAND,EIGHTYDOLLARS\*\*\*\*\*

\*\*\*\*\*USD \*\*\*1,080.00\*\*\*\*\*

To BANK OF AMERICA NA

NEW YORK, NY

For Commonwealth Bank of Australia  
ABN 48 123 123 124

THIS DRAFT CONTAINS A WATERMARK OF A PADLOCK AND KEY

Manager

Accountant

⑈4364673⑈ ⑆06600768⑆ 6550101810⑈

1-002

114364673

Date 30 September 2004

United States Currency

USD \*\*\*1,080.00\*\*\*\*\*

*[Signature]*  
Accountant

*[Signature]*  
Manager

COPY

# **EXHIBIT LFN-2**

FORM PTO-1390  
(REV. 9-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

YU176US

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
PCT/AU02/00762

INTERNATIONAL FILING DATE  
13 June 2002

PRIORITY DATE CLAIMED  
12 April 2002

TITLE OF INVENTION MOTION TRANSMITTING STRUCTURE FOR A NOZZLE ARRANGEMENT OF A  
PRINthead CHIP FOR AN INKJET PRINthead

APPLICANT(S) FOR DO/EO/US KIA SILVERBROOK

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/AU02/00762		ATTORNEY'S DOCKET NUMBER YU176US	
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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1040.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$890.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$740.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>          \$ 1,040.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		x \$18.00		
Independent claims	- 3 =		x \$84.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$280.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,040.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,080.00	
				Amount to be refunded:	\$
				charged:	\$

a. ☒ A check in the amount of \$ 1,080.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.


d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card**  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Mr K Silverbrook  
 Managing Director  
 Silverbrook Research Pty Ltd  
 393 Darling Street  
 Balmain, NSW 2041  
 AUSTRALIA

  
 SIGNATURE  
 Kia Silverbrook  
 NAME  
 REGISTRATION NUMBER

email: [kia.silverbrook@silverbrookresearch.com](mailto:kia.silverbrook@silverbrookresearch.com)



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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing **OR** ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	YU176US
First Named Inventor	Kia SILVERBROOK
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	
Art Unit	
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MOTION TRANSMITTING STRUCTURE FOR A NOZZLE ARRANGEMENT OF A PRINTHEAD CHIP  
FOR AN INKJET PRINTHEAD

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) June 13, 2002 as United States Application Number or PCT International

Application Number PCT/AU02/00762 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
10/120,347	US	04/12/2002	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Docket No: YU176US

PTO/SB/01 (10-01)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☒ Customer Number **24011** OR ☐ Correspondence address below

Name

Address

City

State

ZIP

Country

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name **Kia**  
(first and middle [if any])Family Name **SILVERBROOK**  
or SurnameInventor's  
SignatureDate **August 31, 2004**Residence: City **Balmain**State **NSW**Country **Australia**Citizenship **Australian**Mailing Address **393 Darling Street**City **Balmain**State **NSW**ZIP **2041**Country **Australia**NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any])Family Name  
or SurnameInventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

☐ Additional inventors are being named on the \_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

# RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

## Submission Type

- ☒ New
- ☐ Resubmission (Non-Recordation)  
Document ID#
- ☐ Correction of PTO Error  
Reel #  Frame #
- ☐ Corrective Document  
Reel #  Frame #

## Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

## Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

## Second Party

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country

Zip Code

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

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Address (line 3)

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

FORM PTO-1619B  
Expires 06/30/99  
OMB 0651-0027

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT****Correspondent Name and Address**

Country,

Area Code and Telephone Number 61-2-9818-6633

Name Kia Silverbrook

Address (line 1) Silverbrook Research Pty Ltd

Address (line 2) 393 Darling Street

Address (line 3) Balmain, NSW 2041

Address (line 4) Australia

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 4

**Application Number(s) or Patent Number(s)**☐

Mark If additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**


**Patent Number(s)**


If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

#

1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

40

Method of Payment:  
Deposit AccountEnclosed ☐Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

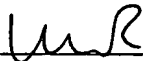
Authorization to charge additional fees:

Yes ☐No ☐**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Kia Silverbrook

Name of Person Signing



Signature

August 31, 2004

Date

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

YU176US

Whereas, I, KIA SILVERBROOK of 393 Darling Street  
Balmain, NSW 2041, Australia, hereafter  
 referred to as applicant, have invented certain new and useful improvements in \_\_\_\_\_

MOTION TRANSMITTING STRUCTURE FOR A NOZZLE ARRANGEMENT OF A PRINTHEAD  
CHIP FOR AN INKJET PRINTHEAD

☐ for which an application for a United States Patent was filed on \_\_\_\_\_,  
 Application Number \_\_\_\_\_/\_\_\_\_\_.

☒ for which an application for a United States Patent was executed on August 31, 2004, and

Whereas, SILVERBROOK RESEARCH PTY LTD of Balmain, New South Wales, Australia herein referred to  
 "assignee" whose post office address is 393 Darling Street, Balmain, NSW 2041, Australia is de-  
 siring of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is ac-  
 knowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign  
 and transfer unto said assignee the full and exclusive right to the said invention in the United States/and the  
 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States/

I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States  
 Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;  
 and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may  
 be granted, as fully and entirely as the same would have been held by me had this assignment and sale not  
 been made.

Executed this 31st day of August, ~~19~~ 2004,  
 at Balmain, NSW, Australia

(Signature)

State of \_\_\_\_\_) SS:

County of \_\_\_\_\_)

Before me personally appeared said \_\_\_\_\_  
 and acknowledged the foregoing instrument to be his free act and deed this \_\_\_\_\_  
 day of \_\_\_\_\_, 19\_\_\_\_.

Seal

(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any  
 comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office,  
 Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks,  
 Washington, DC 20231.

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Kia Silverbrook
		Art Unit	
		Examiner Name	
Sheet 1 of 7	Attorney Docket Number	YU176US NP	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 20030095726 *	22.05.2003	Silverbrook et al	
		US 6,264,850 *	07.24.2001	Silverbrook	
		US 5,719,604 *	02.17.1998	Inui et al	
		US 5,666,141 *	09.09.1997	Matoba et al	
		US 4,672,398 *	06.09.1987	Kuwabara et al	
		US 4,737,802 *	04.12.1988	Mielke	
		US 5,029,805 *	07.09.1991	Albarda et al	
		US 5,258,774 *	11.02.1993	Rogers	
		US 4,553,393 *	11.19.1985	Ruoff	
		US 4,864,824 *	09.12.1989	Gabriel et al	
		US 4,423,401 *	12.27.1983	Mueller	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 00/55089 *	09.21.2000	Silverbrook Research Pty Ltd		
		JP 404001051 *	01.06.1992	Ricoh Co Ltd		
		EP 0 713 774 *	05.29.1996	Sharp Kabushiki Kaisha		
		DE 195 16 997 *	11.16.1995	Sharp K.K.		
		DE 196 23 620 *	12.19.1996	Sharp K.K.		
		JP 2-108544 (Abstract) *	04.20.1990	Seiko Epson Corp		
		JP 2-92643 (Abstract) *	04.03.1990	Seiko Epson Corp		
		JP 4-353458 (Abstract) *	12.08.1992	Brother Ind Ltd		
		JP 6-91865 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP 6-91866 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP 2-265752 (Abstract) *	10.30.1990	Matsushita Electronic Ind Co Ltd		
		EP 0 634 273 *	01.18.1995	Sharp Kabushiki Kaisha		

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				Application Number	
				Filing Date	
				First Named Inventor	Kia Silverbrook
				Art Unit	
				Examiner Name	
Sheet	2	of	7	Attorney Docket Number	YU176US NP

[illegible]

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code 3 - Number 4 - Kind Code 5 (if known)			
		DE 195 32 913 *	03.28.1996	Sharp K.K	
		JP 58 112747 (Abstract) *	07.05.1983	Fujitsu KK	
		DE 43 28 433 *	03.02.1995	Heidelberger Druckmasch	non-AG
		JP 61 025849 (Abstract) *	02.04.1986	Canon Inc	
		JP 01 128839 (Abstract) *	05.22.1989	Ricoh Co Ltd	
		JP 04 126255 (Abstract) *	04.27.1992	Seiko Epson Corp	
		GB 2 262 152 *	06.09.1993	Willett Int Ltd	
		DE 195 18 997 *	11.18.1995	Sharp K.K	
		JP 06 348724 (Abstract) *	12.03.1993	Seikosha Co Ltd	
		JP 02 162049 (Abstract) *	06.21.1990	Seiko Epson Corp	
		DE 32 45 283 *	06.07.1984	Siemens AG	
		JP 04 368851 (Abstract) *	12.21.1992	Seiko Epson Corp	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	Kia Silverbrook
				Art Unit	
				Examiner Name	
Sheet	4	of	7	Attorney Docket Number	YU176US NP

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Type of Document
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 39 34 280 *	04.26.1990	CAE di Cipelletti Alberto		
		DE 29 05 063 *	08.14.1980	Olympia Werke AG		
		WO 94 48010 *	08.18.1994	Domino Printing Sciences PLC		
		EP 0 398 031 *	11.22.1990	Seiko Epson Corp		
		EP 0 427 291 *	05.15.1991	Seiko Epson Corp		
		JP 01 115639 (Abstract) *	05.08.1989	Ricoh Co Ltd		
		JP 58 116165 (Abstract) *	07.11.1983	Canon K.K		
		EP 0 627 314 *	12.07.1994	Olivetti Canon Ind SPA		
		JP 61 268453 (Abstract) *	11.27.1986	Olympus Optical Co Ltd		
		JP 04 118241 (Abstract) *	04.20.1992	Seiko Epson Corp		
		EP 0 506 232 *	09.30.1992	Videojet Systems Int, Inc		
		JP 07 314665 (Abstract) *	12.05.1995	Canon Inc		

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Substitute for form 1449A/PTO				Application Number	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Filing Date	
(use as many sheets as necessary)				First Named Inventor	
Sheet				Kia Silverbrook	
5				Art Unit	
of				Examiner Name	
7				Attorney Docket Number	
YU176US NP				YU176US NP	

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FOREIGN PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		
		JP 03 180350 *	08.06.1991	Seiko Epson Corp	
		WO 97 12689 *	04.10.1997	The Board of Trustees of the Leland Stanford University	
		JP 02 050841 (Abstract) *	02.20.1990	Seiko Epson Corp	
		EP 0 510 648 *	10.28.1992	Irvi Yehuda	
		JP 05 28765 (Abstract) *	10.29.1993	Canon Inc	
		JP 04 141429 (Abstract)*	05.14.1992	Seiko Epson Corp	
		JP 01 105746 (Abstract)*	04.24.1989	Ricoh Co. Ltd	
		GB 792 145 *	03.19.1958	Technograph Printed Circuits Ltd	
		EP 0 750 993 *	01.02.1987	Canon K.K	
		JP 01 306254 (Abstract)*	12.11.1989	Seiko Epson Corp	
		EP 0 092 229 *	10.26.1983	Siemens AG	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Kia Silverbrook
		Art Unit	
		Examiner Name	
Sheet 6 of 7	Attorney Docket Number	YU176US NP	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>3</sup> (if known)			
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Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 37 16 996 *	12.08.1988	VDO Schindling		
		DE 34 30 155 *	02.27.1986	Siemens AG		
		FR 2 231 076 *	12.20.1974	Electricite De France		

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		Filing Date	
		First Named Inventor	Kia Silverbrook
		Group Art Unit	
		Examiner Name	
Sheet 7 of 7	Attorney Docket Number	YU176US	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier-Sequoia S.A., Lausanne, Vol 55, no. 1, 15 July 1996, pp 65-69, XP004077979 ISSN: 0924-4247.	
		ATAKA, MANABU et al, "Fabrication and Operation of Polymide Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157.	
		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceeding of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January 1994, pp 142-147, XP000528408, ISBN: 0-7803-1834-X.	

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CA	CA	CA	CA	CA	CA	CA	CA	CA
SG	SG	SG	SG	SG	SG	SG	SG	SG
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